

Dr. Blaine Henningsen



CTE Advisory Council

DESE Update

**January 28,
2019**



Show-Me Success



CONTINUOUS IMPROVEMENT SYSTEM

THEORY OF ACTION:

Improved student
learning for every
student in every school.





OCCR Mission

The mission of the DESE Office of College and Career Readiness is to guide and support schools in preparing success-ready students.



Success-ready Student

A success-ready student has the knowledge, skills, behavior and experiences to achieve personal goals and contribute in all facets of life.

Organization of and Charge to the CTE Advisory Council

SB620 and 582

CTE Advisory Council

Sponsors: Senator Gary Romine
Representative Kathy Swan

Signed into law by Governor Nixon: 6/3/16
Effective date: 8/28/16

SB 620 and 528

- ❑ Establishes the “**Career and Technical Education Advisory Council**” within the Department of Elementary and Secondary Education
- ❑ Shown in Section **178.550.1** of the Missouri Revised Statutes



CTE Advisory Council

- **CTE Advisory Council** composed of 16 members with 11 being appointed by the Commissioner of Education.
 - Director of an area career center; Sarrah Morgan
 - An individual from the business community; David Webb
 - A representative from State Technical College; Vickie Schwinke
 - Three current or retired CTE teachers who also serve or served as an advisor to any of the nationally-recognized CTSOs; Dr. Raghieb Muhammad, Mitch Comer, Jackie Jenkins



CTE Advisory Council (Cont.)

- A representative from a business organization, association of businesses or a business coalition; **Brian Crouse**
- A representative from a Missouri community college; **Dr. Dena McCaffrey**
- A representative from SEMO or UCM; **Dr. Bart Washer**
- An individual participating in an apprenticeship program recognized by the Department of Labor and Industrial Relations; **Dr. John Gall**



CTE Advisory Council (Cont.)

- A school administrator or school superintendent of a school that offers CTE. Dr. Roger Barnes
- Also to include four members from the General Assembly:
 - Two from Senate Sen. Gary Romine and Sen. Gina Walsh
 - Two from House of Representatives Rep. Kathryn Swan and Rep. Sarah Unsicker
- Director of Economic Development Rob Dixon



CTE Advisory Council (Cont.)

□ Three non-voting Ex Officio Members:

- DESE Director of School Counseling **Dr. Rene Yoesel**
- Director of the Division of Workforce Development **Mardy Leathers**
- A member of the Coordinating Board for Higher Education, as selected by the Coordinating Board **Mike Thomson**



Provisions of the Law

- ❑ The advisory council shall meet at least four times annually
- ❑ The council shall elect from among its members:
 - A chairperson
 - A vice-chairperson
 - A secretary-reporter
 - And other such officers as it deems necessary



Provisions of the Law

The council will:

- Make an annual written report to the state board of education and the commissioner of education regarding the development, implementation, and administration of the state budget for career and technical education.
- Annually submit written recommendations to the state board of education and the commissioner of education regarding the oversight and procedures for the handling of funds for student career and technical education organizations



Provisions of the Law

The council shall:

- Develop a comprehensive statewide short- and long-range strategic plan for career and technical education;
- Identify service gaps and provide advice on methods to close such gaps as they relate to youth and adult employees, workforce development, and employers on training needs;
- Confer with public and private entities for the purpose of promoting and improving career and technical education;



Provisions of the Law

The council shall:

- Identify legislative recommendations to improve career and technical education;
- Promote coordination of existing career and technical education programs;
- Adopt, alter, or repeal by its own bylaws, rules and regulations governing the manner in which its business may be transacted.



In the news...

Governor Mike Parson



State of the State Address

“We don’t promote our state, our resources, and our people as best we should, and **we have not prepared our state well enough for the future**...and every Missourian deserves better.”

State of the State Address

“...let me be crystal clear, **cultivating and training our workforce for the high-demand jobs** and investing in critical infrastructure are the priorities we must address this session.”

State of the State Address

“We must consider making necessary changes to our education programs and update the training pipelines to ensure economic growth in Missouri.”

State of the State Address

“Missouri’s high school graduation rate is higher than most states. That is something we should all be proud of...however, we fall behind other states when we look at post-secondary education.”

State of the State Address

“We are well into the 21st century...and yes, **extra levels of education are needed to meet the demands of our workforce.**”

State of the State Address

“...a higher level of education should not simply mean getting college degrees....”

Missouri Governor Mike Parson, January 16, 2019

State of the State Address

“We must also start integrating EMPLOYER and industry-led input into the needs and demands of the workforce, like **increasing Industry Recognized Credentials as part of our high school curriculum.**”

Missouri Governor Mike Parson, January 16, 2019

Executive Order 3

Gov. Michael Parson orders the transfer of the Division of Workforce Development and the Missouri Economic Research and Information Center (MERIC) from the Department of Economic Development to the Department of Higher Education, and creates new divisions within the Department of Economic Development. (Jan. 17, 2019)

Department of Economic Development (DED)

The executive orders issued call for a new **Regional Engagement Division** that will reassign existing staff to dedicate more resources to business development statewide.

The teams that form this division will be located in the regions they serve and will be a primary point of contact for businesses and communities looking to interact with state government on economic development needs.

Department of Economic Development (DED)

- **Missouri One Start** - a new division of the Department of Economic Development dedicated solely to connecting businesses with skilled workers

New Programs in the Department of Higher Education

- **MoExcels** – provides one-time funds for colleges and universities to expand high-demand programs
- **Fast Track** - a financial aid program for adult learners
- **Office of Apprenticeships and Work-based Learning**

Department of Higher Education (DHE)

“This change gives Missourians one resource for the full range of postsecondary options – from apprenticeships to certificates to doctoral programs,” Commissioner of Higher Education Zora Mulligan said.

“It will position Missouri as a national leader in workforce development.”

Recent Legislation Relating to the Office of College and Career Readiness

HB 1415

- Now in Sections 162.1115, 170.028, 178.550 RSMo
 - DESE shall identify any provider of a course that includes a Perkins TSA that leads to an IRC and is recommended for college credit by a nationally recognized body that provides course equivalency information.
 - The CTE Advisory Council is to annually review, update, approve and recommend a list of industry certifications, state-issued professional licenses, and occupational competency assessments.
 - It also adds the **Director of Economic Development** to the CTE Advisory Council.

HB 1606

- Now in Section 167.266 RSMo
 - DESE is to develop a process to recognize exemplary school counseling programs by January 1, 2019.

SB 743

- Now in Section 168.770 RSMo
 - DESE is to develop a process to recognize exemplary school library programs by July 1, 2019.

SB 743 and HB 1606

- Now in Section 167.902 RSMo
 - DED is to annually identify "critical needs" occupations and give info to state board of education.
 - The State Board shall compile information regarding careers, salaries, IRCs, etc. and give to schools so they can provide info to students by Nov. 1 each year.

HB 1415 and HB 1606

- Now in Section 137.910 RSMo
 - Establishes a **Career Readiness Course Task Force**. Members will be identified by Oct. 31, 2018.
 - The task force is to present a report regarding the viability of a Career Readiness Course for 8th and 9th graders by Dec. 1, 2019 to the President Pro Tem of Senate, Speaker of the House, Joint Committee on Education, and State Board of Education.

HB 3 – Special Session

- Now in Section 161.261 RSMo
 - Subject to appropriation, DESE shall establish a **STEM Career Awareness Program** to increase awareness of these types of careers for students in grades 6-8 beginning in the 2019-2020 school year.
 - DESE shall solicit proposals by Jan. 1, 2019 and select a provider by March 1, 2019.

HB 3 – Special Session

- Now in Section 170.018 RSMo
 - DESE shall convene a work group to develop and recommend rigorous academic performance standards for **Computer Science** in grades K-12 to be implemented in the 2019-2020 school year.
 - The requirements of section 160.514 shall not apply to this section.
 - The certification parts of this law pertain to the Educator Quality section of DESE.

HB 3 – Special Session

- Now in Section 170.018 RSMo
 - The **Computer Science Education Fund** will be established in the state treasury.
 - The State Board shall award grants from this fund to eligible entities for the purpose of providing teacher professional development programs relating to computer science.
 - DESE shall promulgate rules to implement this program.

REMINDER!

“The primary aim of education is not to enable students to do well in school, but to help them do well in the lives they lead outside of school.”

Ray McNulty



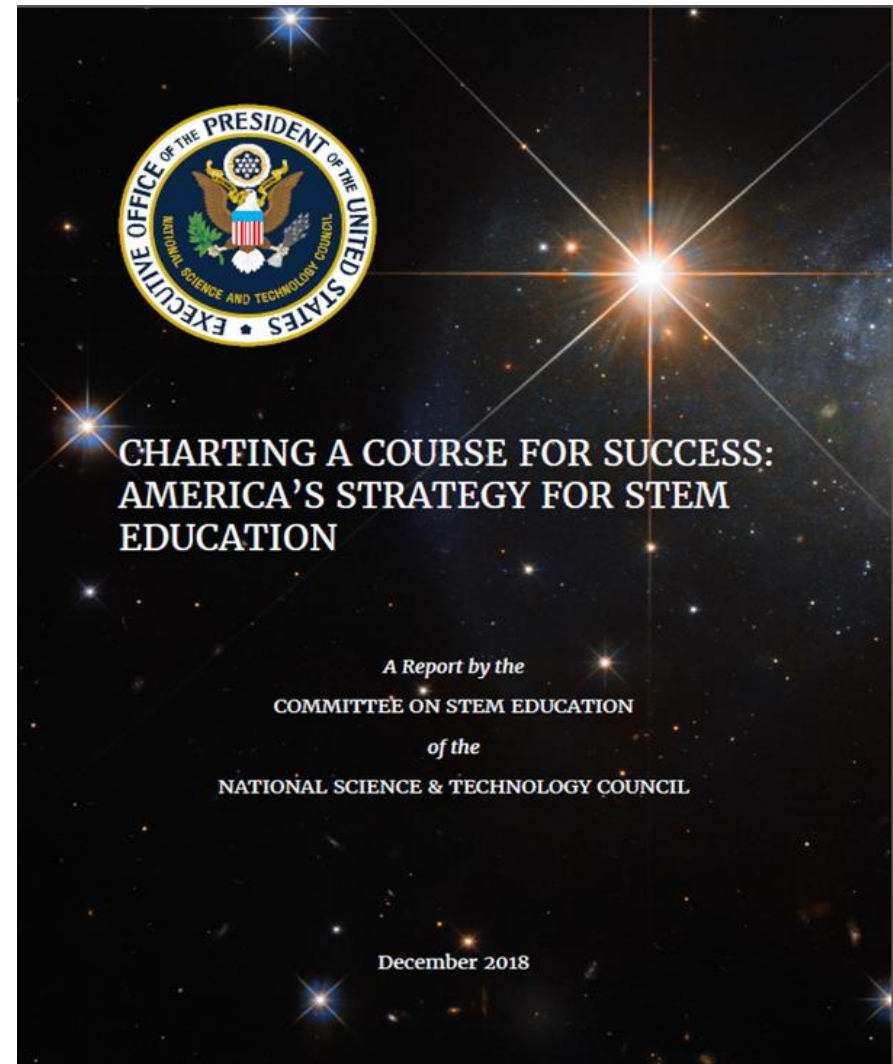
“The State of American Jobs”

“Sixty percent of Americans believe that K–12 education systems should be responsible for preparing students for the workforce.”

**Career-Connected
Academic Preparation
Leads To
Relevance**

Report by the Committee on STEM Education

- ❑ Committee established under Section 101 of the America COMPETES Reauthorization Act of 2010
- ❑ Five-year strategic plan for STEM education
- ❑ Intended to serve as a “North Star” to help achieve the goals, pathways, and objectives within this plan



America's Strategy for STEM Education

Goal 1 – Build strong foundations for STEM Literacy

- Ensure every American has the opportunity to master basic STEM concepts, including computational thinking, and to become digitally literate.
- A STEM-literate public will be better equipped to handle rapid technological change and will be better prepared to participate in civil society.

America's Strategy for STEM Education

Goal 2 – Increase Diversity, Equity and Inclusion in STEM

- Provide all Americans with lifelong access to high-quality STEM education, especially those historically underserved and underrepresented in STEM fields and employment.

America's Strategy for STEM Education

- ❑ **Goal 3 – Prepare the STEM Workforce for the Future – both college-educated and those who will work in the skilled trades that do not require a 4-year degree**
 - Create authentic learning experiences which will encourage and prepare learners to pursue STEM careers.
 - STEM-literate Americans that are prepared for the jobs of the future will be essential for maintaining a national innovation base that supports key sectors in the economy and for making scientific discoveries and creating the technologies of the future.

Most Likely to Succeed

PREPARING OUR KIDS FOR
THE INNOVATION ERA



Tony Wagner

Bestselling author of *CRÉATING INNOVATORS*
and *THE GLOBAL ACHIEVEMENT GAP*

Ted Dintersmith

"If you read one book about education this decade, make it this one. I couldn't put it down, and neither will you."
—ADAM BRAUN, *New York Times* bestselling

Most Likely to Succeed

“Students who know only how to perform well in today’s education system- get good grades and test scores and earn degrees-will no longer be those who are most likely to succeed. Thriving in the 21st century will require real competencies, far more than academic credentials.”



Contact

Blaine Henningsen – blaine.henningsen@dese.mo.gov